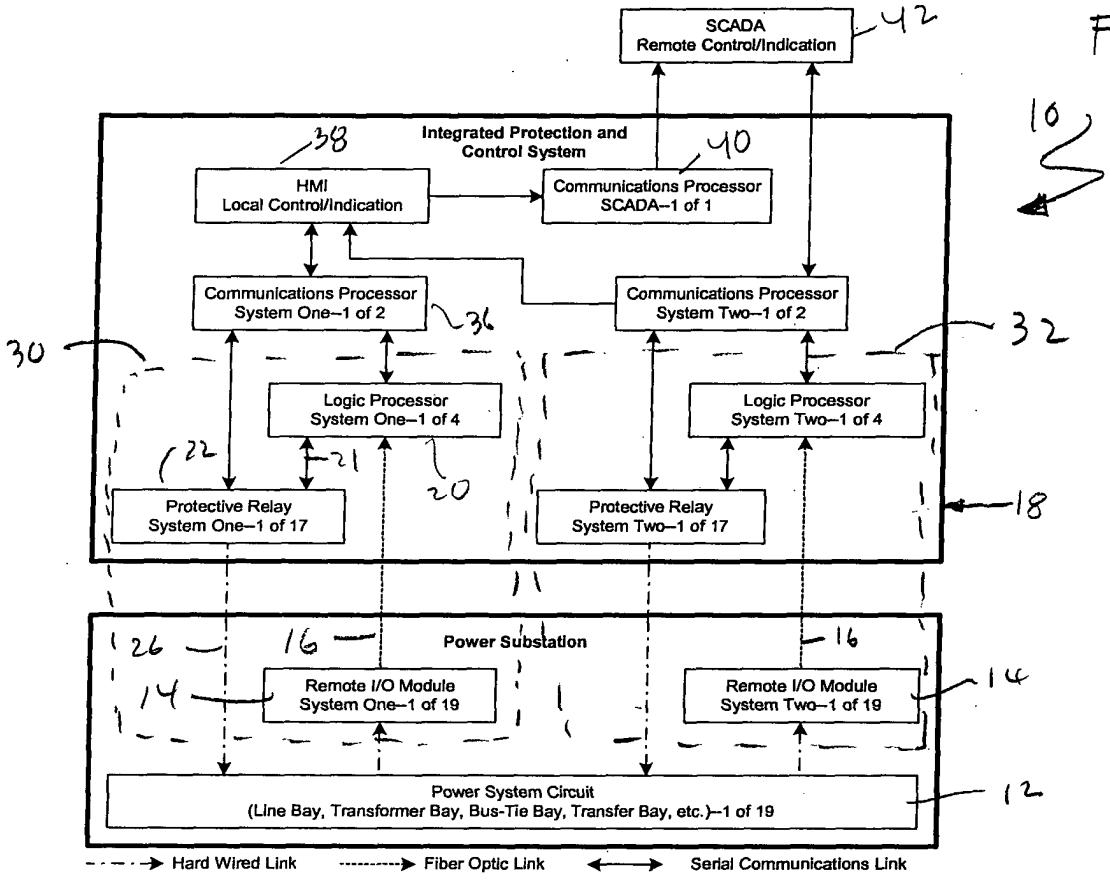
SCADA
Remote Control/Indication
42
10
38
Integrated Protection and
Control System
40
HMI
Local Control/Indication
Communications Processor
SCADA–1 of 1
Communications Processor
System One–1 of 2
36
Communications Processor
System Two–1 of 2
30
32
Logic Processor
System One–1 of 4
Logic Processor
System Two–1 of 4
22
21
20
Protective Relay
System One–1 of 17
Protective Relay
System Two–1 of 17
18
26
16
Power Substation
16
14
Remote I/O Module
System One–1 of 19
Remote I/O Module
System Two–1 of 19
14
Power System Circuit
(Line Bay, Transformer Bay, Bus-Tie Bay, Transfer Bay, etc.)–1 of 19
12
Hard Wired Link
Fiber Optic Link
Serial Communications Link

FIG 1